

TABLE I. DEVICE PARAMETERS 1/

JPL PART # ST12241-	MFG	MFG PART #	PACKAGE STYLE 2/	DETAIL SCREENING TESTS	ELECTRICAL CHARACTERISTICS & GROUP A TESTS	RADIATION (TID) LEVEL RAD(S)
DN6469BR through DN6476BR	MSC	1N6469 through 1N6476	D035	MIL-S- 19500/552	MIL-S-19500/552 (TABLE I)	100k 3/

**NOTES:**

**1/ This drawing in conjunction with CS515581, imposes all requirements for procurement of these devices.**

**2/ Device physical dimensions shall conform to MIL-S-19500/552, Figure 1.**

**3/ Sufficient radiation tolerance to this TID level is guaranteed by design for this device.  
(See CS515581, Paragraph 4.7.7).**

**4. Final finish of leads shall be hot solder dip in accordance with MIL-S-19500.**

**5. This standard takes precedence over documents referenced herein.**

<b>RELEASED THRU SECTION 356 DATA MANAGEMENT:</b>			<b>DATE:</b>		
<b>REVISION: A</b>			<b>APPROVED BY:</b>		
<b>DATE:</b>			<b>DATE:</b>		
<b>APPROVED SOURCE(S)</b>			<small>THE ITEM LISTED IN THE APPROVED SOURCE BLOCK AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER WILL BE EVALUATED AND TESTED BY THE JPL ELECTRONIC PARTS RELIABILITY SECTION OR ITS DELEGATED ALTERNATE BEFORE BEING APPROVED FOR USE. NON-JPL USERS SHALL CHECK WITH THE ELECTRONIC PARTS RELIABILITY SECTION ON THE STATUS OF THE PART'S APPROVAL BEFORE USING.</small>		
<b>VENDOR PART NO</b>	<b>VENDOR</b>	<b>JPL PART NO</b>			
<b>JET PROPULSION LABORATORY</b>			<b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b>		
<small>Procurement specification: <b>CS515581</b> Screening specification: <b>ZPP-2073-GEN</b> </small>			<b>TITLE:</b>  <b>DIODE, SILICON, TRANSIENT VOLTAGE SUPPRESSOR</b>		
<small>Custodian: Electronic Parts Reliability Section 514</small>			<b>DETAIL SPECIFICATION</b>  <b>ST 12241</b>		
			<b>SHEET 1 OF 1</b>		

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